

(c) 0.1 to 80 % by weight of a lipophilic component which is a natural or synthetic or a partially synthetic C₄-C₁₈ triglyceride and a lipophilic cosmetically active agent, in which any cosmetically active agent is lipophilic and is always present in component (c), and

(d) 7.40 to 14.2 % by weight of ethanol,

with conventional stirring apparatus until a homogeneous clear liquid is obtained, and

(β) adding the liquid obtained in step (α) to a water phase, wherein step (β) is carried out in the absence of high shear or cavitation forces, and wherein the particles in the nanodispersion have an average diameter of <50 nm.

33. (new) A method according to claim 32, wherein step (α) is carried out in an anhydrous medium.

34. (new) A method according to claim 32, wherein component (b) in the nanodispersion is polyethoxylated sorbitan fatty acid esters, polyethoxylated fatty alcohols, polyethoxylated fatty acids, polyethoxylated vitamin E derivatives, polyethoxylated lanolin and derivatives thereof, polyethoxylated fatty acid partial glycerides, polyethoxylated alkylphenols, polyethoxylated fatty alcohols and salts thereof, polyethoxylated fatty amines and fatty acid amides, polyethoxylated carbohydrates or block polymers of ethylene oxide and propylene oxide.

35. (new) A method according to claim 32, wherein the nanodispersion comprises as component (c) a sunscreen or a fat-soluble vitamin.

36. (new) A method according to claim 32, wherein the nanodispersion is present in the cosmetic formulation in a concentration of 0.01 to 99 % by weight.

37. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a gel which comprises a nanodispersion as defined in claim 32.

38. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a cream, lotion or milk which comprises a nanodispersion as defined in claim 32.

39. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a stick which comprises a nanodispersion as defined in claim 32.

40. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a spray or aerosol which comprises a nanodispersion as defined in claim 32.

41. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a foam which comprises a nanodispersion as defined in claim 32.

42. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a paste which comprises a nanodispersion as defined in claim 32.

43. (new) A method of preparing a cosmetic formulation of a lipophilic cosmetic active agent in the form of an aqueous nanodispersion, wherein the cosmetic formulation is in the form of a powder, lacquer, pellet or cosmetic make-up which comprises a nanodispersion as defined in claim 32 in which the nanodispersion is present in dehydrated form.--

REMARKS

As pointed out in the parent application, applicants teach on page 2, third full paragraph:

Step (α) is usually carried out at room temperature, where necessary with heating and under normal pressure conditions. Mixing is carried out using standard [or conventional] stirring apparatus, for example propeller, angled paddle or magnetic agitators, and without using any special mechanical stirring aids.

Applicants further teach on page 2, last full paragraph:

Step (β) is carried out by adding the liquid obtained in step (α), the nanodispersion prephase, to the water phase of the cosmetic end formulations. The particular choice of components (a), (b) and (c) results directly in ultrafine, monodisperse nanodispersions. In this case it is possible to forego homogenisation via nozzle, rotor-stator or ultrasound homogenisers, which is usually